ENGLISH

Canon

PowerShot G9

Getting Started Guide

Getting Started

Preparations

Shooting Still Images

Viewing Still Images

Shooting Movies

Viewing Movies

Erasing

Printing

Downloading Images to a Computer

System Map

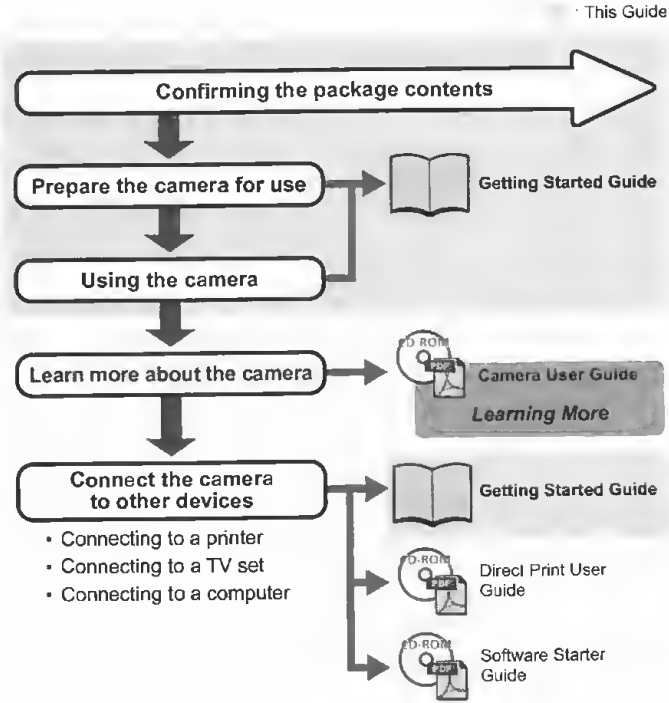
Ensure that you read the Safety Precautions (inside rear cover)

DiG!C III PictBridge DIRECT PRINT BUBBLE JET DIRECT Exif Print DPOF USB

CEL-SG8WA211

Workflow and Reference Guides

The following guides are available. Refer to them as necessary according to the flowchart below.



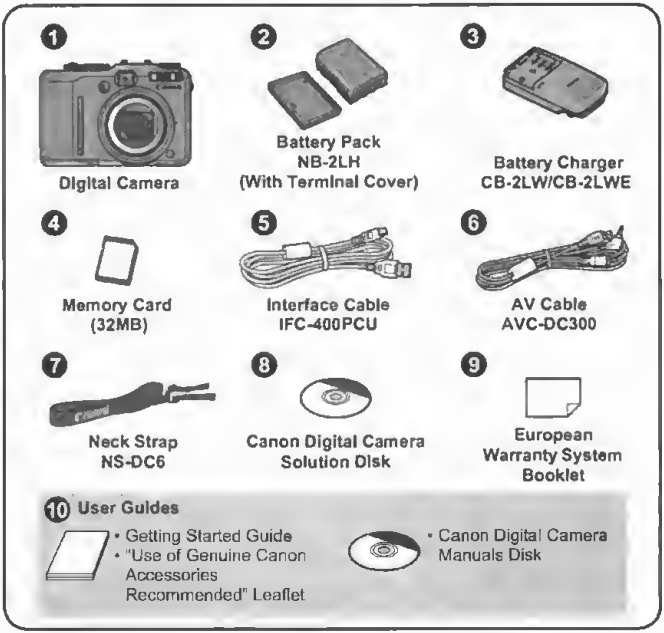
Viewing the PDF Manuals

Adobe Reader must be installed to view the PDF Manuals. If this software is not installed in your computer, access the following web site and download the software.

http://www.adobe.com

Confirming the Package Contents

Your camera package includes all of the following items. If any of these items are missing, please contact the dealer for assistance.



You may not be able to achieve the full performance of this camera with the included memory card.

You can use SD memory cards, SDHC memory cards, MultiMediaCards, MMCplus cards and HC MMCplus cards with this camera. These cards are collectively called memory cards in this guide.

Please Read

Test Shots

Before you try to photograph important subjects, we highly recommend that you shoot several trial images to confirm that the camera is operating and being operated correctly.
Please note that Canon Inc., its subsidiaries and affiliates, and its distributors are not liable for any consequential damages arising from any malfunction of a camera or accessory, including memory cards, that results in the failure of an image to be recorded or to be recorded in a way that is machine readable.

Warning Against Copyright Infringement

Please note that Canon digital cameras are intended for personal use and should never be used in a manner that infringes upon or contravenes international or domestic copyright laws and regulations. Please be advised that in certain cases the copying of images from performances, exhibitions, or commercial properties by means of a camera or other device may contravene copyright or other legal rights even if the image was shot for personal use.

Warranty Limitations

For information on your camera's warranty, please refer to the Canon European Warranty System (EWS) Booklet supplied with your camera.

For Canon Customer Support contacts, please see the European Warranty System (EWS) Booklet.

Camera Body Temperature

If your camera is used for prolonged periods, the camera body may become warm. Please be aware of this and take care when operating the camera for an extended period.

About the LCD Monitor

The LCD monitor is produced with extremely high-precision manufacturing techniques. More than 99.99% of the pixels operate to specification. Less than 0.01% of the pixels may occasionally misfire or appear as red or black dots. This has no effect on the recorded image and does not constitute a malfunction.

Video Format

Please set the camera's video signal format to the one used in your region before using it with a TV monitor.

Language Setting

Please see *Setting the Display Language* (p. 9) to change the language setting.

Getting Started

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- Printing (p. 18)
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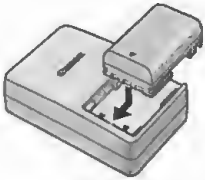
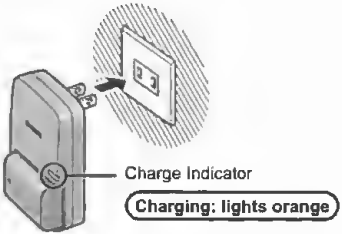
Preparations

Charging the Battery

1. Insert the battery into the battery charger.

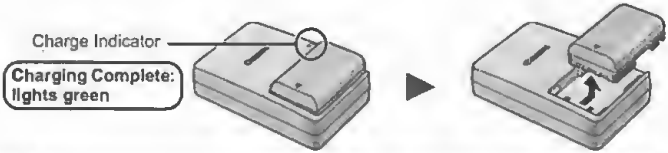


2. Plug the battery charger (CB-2LW) into a power outlet, or attach the power cord to the battery charger (CB-2LWE, not shown) and plug it into a power outlet.



3. Remove the battery after charging is complete.

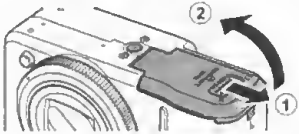
Charging takes approximately 1 hour 45 minutes.



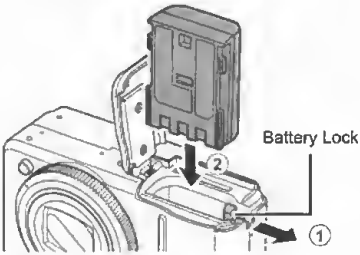
To protect the battery and prolong its life, do not charge it for longer than 24 hours continuously.

Installing the Battery

1. Slide the cover (①) and open it (②).



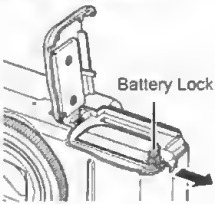
2. Push the battery lock in the direction of the arrow (①) and insert the battery until it locks.



3. Close the cover (①) and slide it until clicks (②).

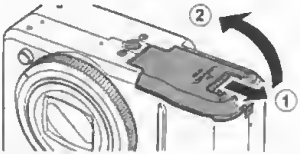
■ To Remove the Battery

Push the battery lock in the direction of the arrow and hold it while pulling the battery out.

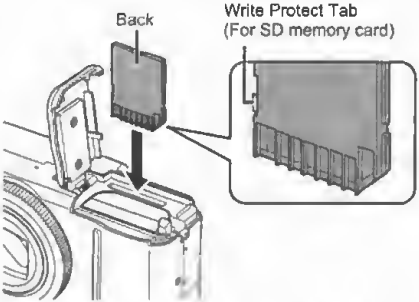


Inserting the Memory Card

1. Slide the cover (①) and open it (②).

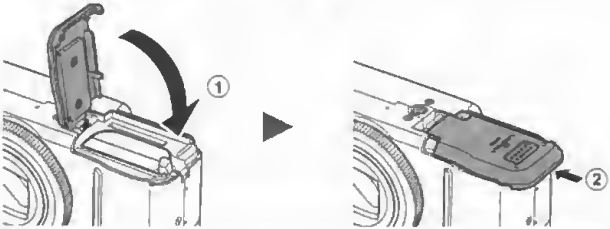


2. Insert the memory card until it clicks into place.



- Confirm that the write protect tab is unlocked (only SD memory cards).
- Check the card for the correct orientation.

3. Close the cover (①) and slide it until clicks (②).

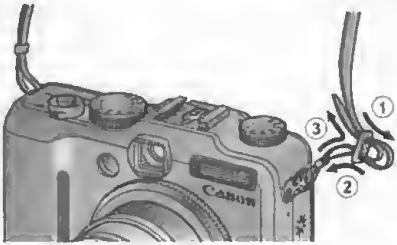


Ensure that the memory card is correctly oriented before inserting it in the camera. Inserting it backward may cause the camera to fail to recognize the memory card or to malfunction.

■ To Remove the Memory Card

Push the memory card with your finger until the memory card clicks and then release it.

■ Attaching the Neck Strap

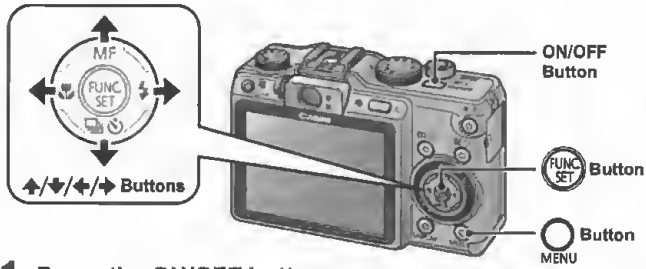


Pull the strap tight in the buckle so that it does not slip. Perform the same steps on the other side of the camera.

In order to avoid dropping the camera, we recommend attaching the neck strap before using the camera.

Setting the Date and Time

The Date/Time settings menu will appear the first time the power is turned on. Set the date and time as shown in Steps 3 and 4 in the explanation below.



1. Press the ON/OFF button.

2. Select [Date/Time].

1. **Press the MENU button.**
2. **Use the ◀ or ▶ button to select the (Set up) menu.**
3. **Use the ▲ or ▼ button to select [Date/Time].**
4. **Press the FUNC. SET button.**

3. Select the year, month, day and time, and the display order.

1. **Use the ◀ or ▶ button to select an option.**
2. **Use the ▲ or ▼ button to set the value.**

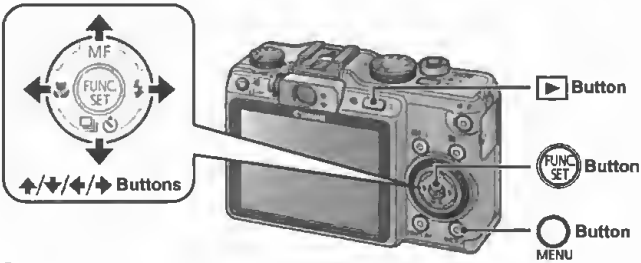
4. Press the FUNC. SET button.

5. Press the MENU button.

- A rechargeable lithium battery is built into the camera to save such settings as the date/time. This battery charges when the main battery is in the camera. When you purchase the camera, place the main battery in it for approximately four hours or use AC Adapter Kit ACK-DC20 (sold separately) to charge the lithium battery. It will charge even if the camera is turned off.
- The date/time settings may be lost after approximately three weeks if you remove the main battery. Reset the date/time settings if this occurs.

Setting the Display Language

You can change the language displayed in the LCD monitor menus and messages.



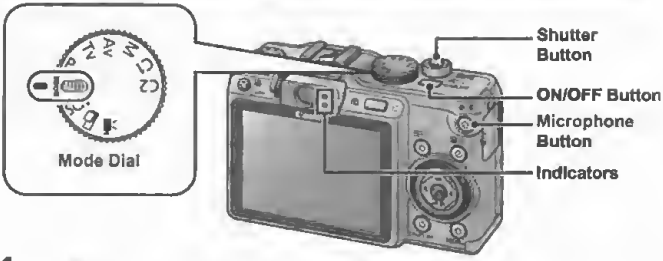
1. Press the ▶ (Playback) button.

2. Hold down the FUNC. SET button and press the MENU button.

3. Use the ▲, ▼, ◀ or ▶ button to select a language.

4. Press the FUNC. SET button.

Shooting Still Images (AUTO Mode)



1. Press the ON/OFF button.

- The start-up sound will play and the start-up image will display in the LCD monitor.
- Pressing the ON/OFF button again turns the power off.

2. Select a shooting mode.

1. **Set the mode dial to AUTO.**

3. Aim the camera at the subject.

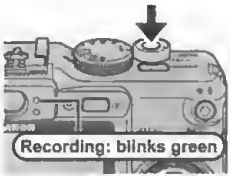
4. Press the shutter button lightly (halfway) to focus.

- When the camera focuses, it beeps twice and the indicator lights green (orange when the flash will fire).

- An AF frame will display in green on the LCD monitor at the point of focus.

5. Press the shutter button fully (all the way) to shoot.

- The shutter sound will play once and the image will record.
- The indicator will blink green and the file will record to the memory card.

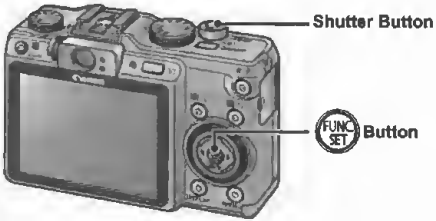


Mute Setting

When you hold down the 🎙 (Microphone) button while turning on the camera, the mute setting will be set to [On]. All sounds except for warning sounds will be disabled. You can change the setting in [Mute] in the Set up menu.

Reviewing an Image Right After Shooting (Rec. Review)

Recorded images are displayed on the LCD monitor for approximately 2 seconds immediately after shooting.



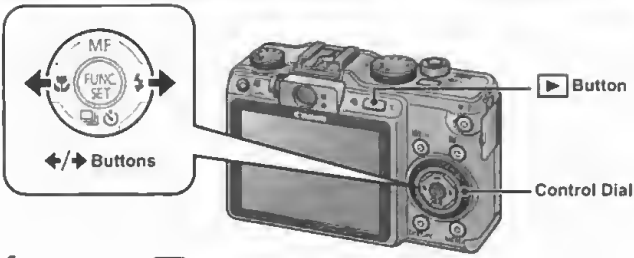
You can also use the following methods to continue displaying the image immediately after shooting so that you can check it.

- **Keep the shutter button pressed fully.**
- **Press the (FUNC SET) button while the recorded image is displayed.**

  Confirm that the camera beeps.
  You can shoot by pressing the shutter button even when an image is being displayed.

You can change the interval for which images are displayed by configuring the [Review] item in the (Rec.) menu.

Viewing Still Images



1. Press the ▶ (Playback) button.

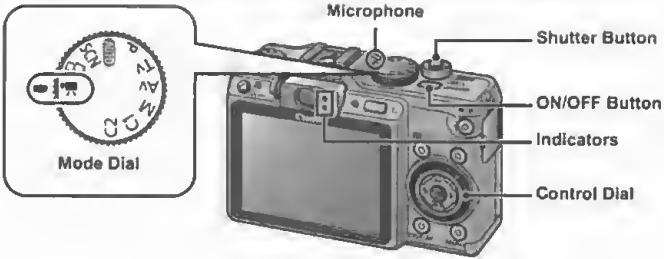
The last recorded image will display.

2. Use the ← or → button to display the image you wish to view.

- Use the ← button to move to the previous image and the → button to move to the next image.
- The images advance more quickly if you keep the button pressed, but they will appear coarse.
- You can also select images by turning the control dial. Turning it counterclockwise displays the previous image while turning it clockwise displays the next image.

If you have played back images, the last image viewed will display (Resume Playback). If the memory card has been switched, or the images on the memory card have been edited with a computer, the newest image on the memory card appears.

Shooting Movies (Standard Mode)



1. Press the ON/OFF button.

2. Select a shooting mode.

1. **Set the mode dial to (Movie).**
2. **Turn the control dial to select (Standard).**

3. Aim the camera at the subject.

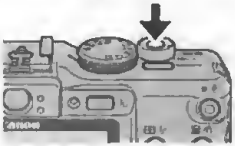
- Do not touch the microphone while recording.
- Do not press any buttons other than the shutter button. The sound that buttons make will be recorded in the movie.

4. Press the shutter button lightly (halfway) to focus.

- When the camera focuses, it beeps twice and the indicator lights green.
- The exposure, focus and white balance are automatically set.

5. Press the shutter button fully (all the way) to shoot.

- Recording starts.



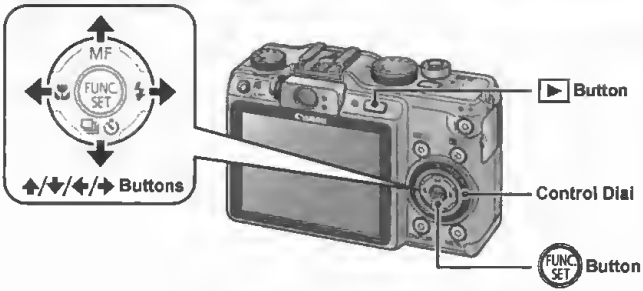
- During the recording, the elapsed recording time and [● Rec.] will display in the LCD monitor.

Elapsed Time

6. Press the shutter button fully again to stop recording.

- The indicator will blink green and the data will be recorded onto the memory card.
- Recording will stop automatically when the maximum recording time elapses, or the built-in memory or memory card become full.

Viewing Movies



1. Press the ▶ (Playback) button.

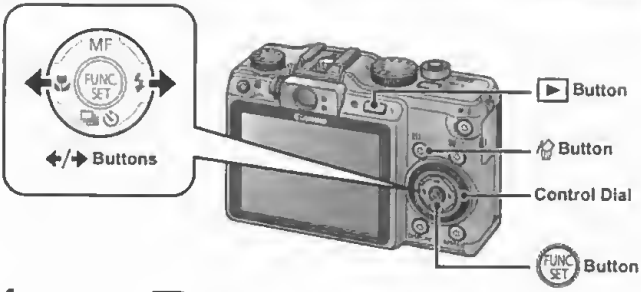
2. Use the ◀ or ▶ button to display a movie and press the FUNC SET button.

- Images with a SET icon are movies.
- You can also select images by turning the control dial.

3. Use the ◀ or ▶ button to select ▶ (Play) and press the FUNC SET button.

- The movie will start playing.
- If you press the **FUNC./SET** button during playback, you can pause and restart the movie.
- You can adjust the playback volume with the ▲ or ▼ button.

Erasing



1. Press the ▶ (Playback) button.

2. Use the ← or → button to select an image to erase and press the button.

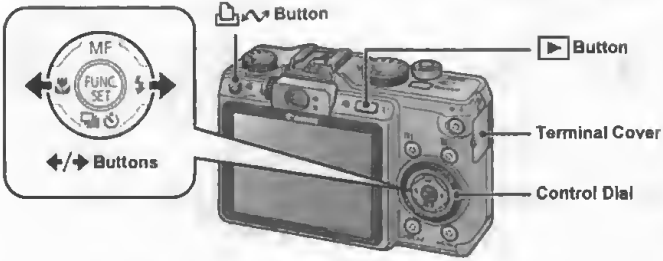
You can also select images by turning the control dial.

3. Confirm that [Erase] is selected and press the (FUNC. SET) button.

To exit instead of erasing, select [Cancel].

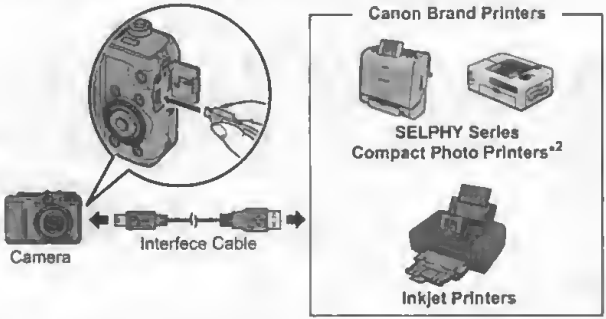
Please note that erased images cannot be recovered. Exercise adequate caution before erasing an image.

Printing



1. Connect the camera to the printer*1.

- Open the terminal cover and plug the interface cable in all the way.
- See the printer's user guide for connection instructions.



*1 Since this camera uses a standard protocol (PictBridge), you can use it with other PictBridge-compliant printers in addition to Canon-brend printers.
*2 You can also use the CP-10/CP-100/CP-200/CP-300 card photo printers.

2. Turn on the printer.

3. Press the ▶ (Playback) button to turn on the camera.

- The button will light blue.
- A , or icon will appear in the LCD monitor if the connection is correct (the displayed icons differ according to the connected printer).
- Images with a SET icon are movies.

4. Use the ← or → button to select an image to print and press the button.

- The button will blink blue and printing will start.
- You can also select images by turning the control dial.

After you finish printing, turn off the camera and the printer and disconnect the interface cable.

Downloading Images to a Computer

Items to Prepare

- Camera and computer
- Canon Digital Camera Solution Disk supplied with the camera
- Interface cable supplied with the camera

System Requirements

Please install the software on a computer meeting the following minimum requirements.

■ Windows

OS	Windows Vista Windows XP Service Pack 2 Windows 2000 Service Pack 4
Computer Model	The above OS should be pre-installed on computers with built-in USB ports.
CPU	Windows Vista : Pentium 1.3 GHz or higher Windows XP / Windows 2000 : Pentium 500 MHz or higher
RAM	Windows Vista : 512 MB or more Windows XP / Windows 2000 : 256 MB or more
Interface	USB
Free Hard Disk Space	• Canon Utilities - ZoomBrowser EX : 200 MB or more - PhotoStitch : 40 MB or more • Canon Camera TWAIN Driver : 25 MB or more
Display	1,024×768 pixels/High Color (16 bit) or better

■ Macintosh

OS	Mac OS X (v10.3 – v10.4)
Computer Model	The above OS should be pre-installed on computers with built-in USB ports.
CPU	PowerPC G3/G4/G5 or Intel Processor
RAM	256 MB or more
Interface	USB
Free Hard Disk Space	• Canon Utilities - ImageBrowser : 300 MB or more - PhotoStitch : 50 MB or more
Display	1,024 × 768 pixels/ 32,000 Colors or better

Preparing to Download Images

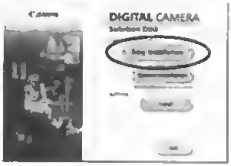
Ensure that you install the software first before connecting the camera to the computer.

1. Installing the software.

■ Windows

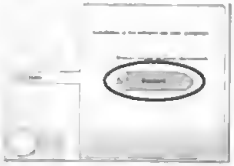
1. **Place the Canon Digital Camera Solution Disk in the computer's CD-ROM drive.**
2. **Click [Easy Installation].**

   Follow the onscreen messages to proceed with the installation.



3. **Click [Restart] or [Finish] once the installation is complete.**

   When the installation is finished, [Restart] or [Finish] will display. Click the button that appears.



4. **Remove the CD-ROM from the drive when your normal desktop screen appears.**

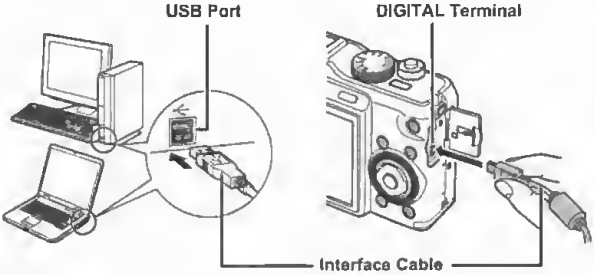
■ Macintosh

Double-click the icon in the CD-ROM window. When the installer panel appears, click [Install]. Follow the onscreen instructions to proceed.

2. Connecting the camera to a computer.

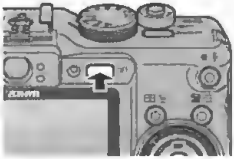
1. **Connect the supplied interface cable to the computer's USB port and to the camera's DIGITAL terminal.**

   Open the camera's terminal cover and insert the interface cable all the way into the connector.



3. Preparing to download images to the computer.

1. **Press the ▶ (Playback) button to turn the camera on.**

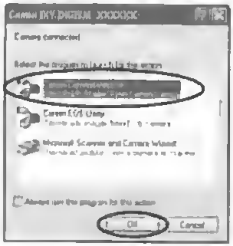


Always grasp the sides of the connector when disconnecting the interface cable from the camera's DIGITAL terminal.

If the Digital Signature Not Found window appears, click [Yes]. The USB driver will automatically finish installing onto the computer when you attach the camera and open a connection.

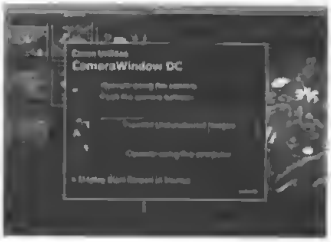
■ Windows

Select [Canon CameraWindow] and click [OK].



If the window above does not appear, click the [Start] menu and select [All Programs] or [Programs], followed by [Canon Utilities], [CameraWindow], [CameraWindow] and [CameraWindow].

CameraWindow appears.



Preparations for downloading images are now finished. Please proceed to the *Downloading Images Using the Camera* section (p. 25) (except Windows 2000).

With Windows 2000, you can download images using the computer. Please refer to the *Software Starter Guide* for details.

■ Macintosh

The following window will appear when you establish a connection between the camera and computer. If it fails to appear, click the [CameraWindow] icon on the Dock (the bar which appears at the bottom of the desktop).

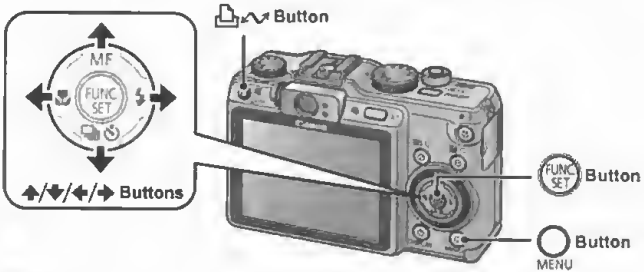
Preparations for downloading images are now finished. Please proceed to the *Downloading Images Using the Camera* section (p. 25).

Please refer to the *Software Starter Guide* regarding how to download images using the computer.

Downloading Images Using the Camera (Direct Transfer)

Install the software before downloading images via the direct transfer method for the first time (p. 21).

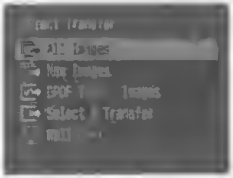
Use this method to download images using camera operations (except Windows 2000).



	All Images	Transfers and saves all images to the computer.
	New Images	Transfers and saves to the computer only the images that have not been previously transferred.
	DPOF Trans. Images	Transfers and saves to the computer only the images with DPOF Transfer Order settings.
	Select & Transfer	Transfers and saves single images to the computer as you view and select them.
	Wallpaper	Transfers and saves single images to the computer as you view and select them. The transferred images display as the background on the computer desktop.

1. Confirm that the Direct Transfer menu is displayed on the camera's LCD monitor.

- The button will light blue.
- Press the **MENU** button if the Direct Transfer menu fails to appear.



Direct Transfer Menu

■ All Images/New Images/DPOF Trans. Images

2. Use the ▲ or ▼ button to select , or and press the button.

- The images will download. The button will blink blue while downloading is in progress.
- The display will return to the Direct Transfer menu when the download is complete.
- Pressing the **FUNC./SET** button will cancel a download in progress.

■ Select & Transfer/Wallpaper

2. Use the ▲ or ▼ button to select or and press the button (or FUNC./SET button).

3. Use the ◀ or ▶ button to select images to download and press the button.

- The images will download. The button will blink blue while downloading is in progress.

4. Press the MENU button after downloading finishes.

- You will return to the Direct Transfer menu.

Only JPEG images can be downloaded as wallpaper for a computer.

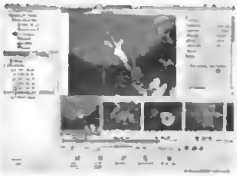
The option selected with the button is retained even when the camera's power is turned off. The previous setting will be in effect the next time the Direct Transfer menu is displayed. The image selection screen will appear directly when the [Select & Transfer] or the [Wallpaper] option was last selected.

Click [×] at the bottom right of the window to close CameraWindow, the downloaded images will display on the computer.

■ Windows

ZoomBrowser EX

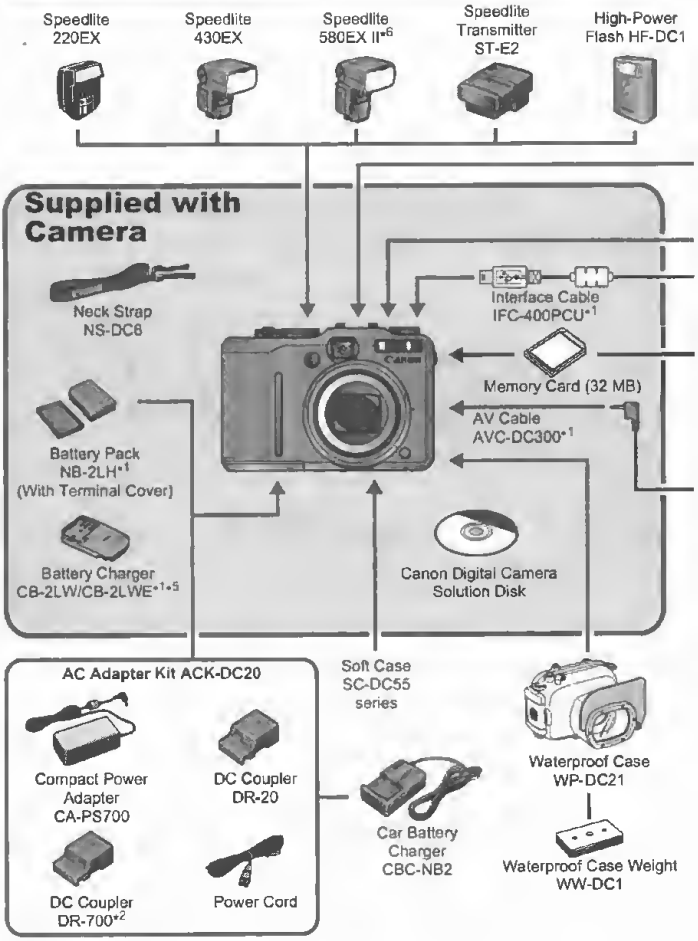
■ Macintosh

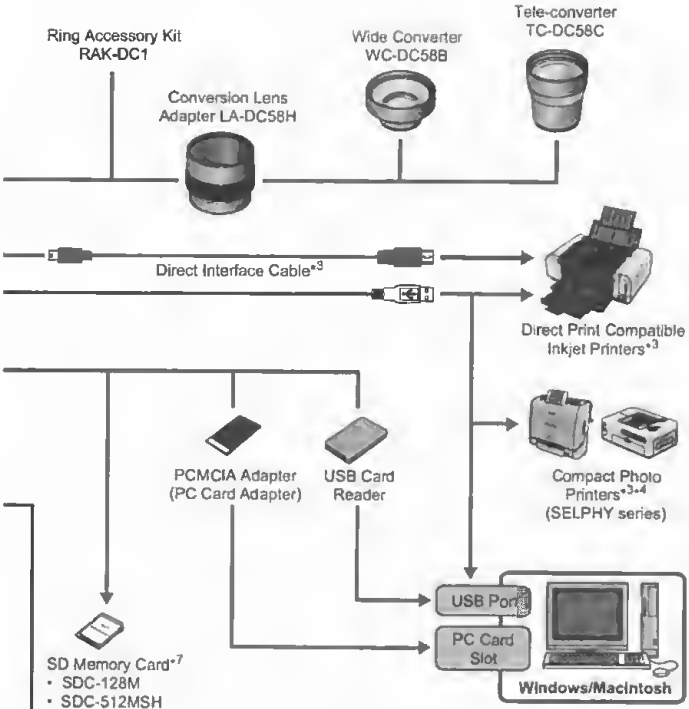


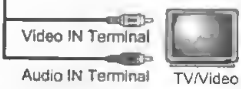
ImageBrowser

By default, the downloaded images are saved into folders according to their shooting dates.

System Map


Speedlite 220EX
Speedlite 430EX
Speedlite 580EX II*6
Speedlite Transmitter ST-E2
High-Power Flash HF-DC1
Supplied with Camera
Neck Strap NS-DC6
Interface Cable IFC-400PCU*1
Memory Card (32 MB)
AV Cable AVC-DC300*1
Battery Pack NB-2LH*1 (With Terminal Cover)
Battery Charger CB-2LW/CB-2LWE*1*5
Canon Digital Camera Solution Disk
AC Adapter Kit ACK-DC20
Compact Power Adapter CA-PS700
DC Coupler DR-20
DC Coupler DR-700*2
Power Cord
Soft Case SC-DC55 series
Car Battery Charger CBC-NB2
Waterproof Case WP-DC21
Waterproof Case Weight WW-DC1





*1 Also available for purchase separately.
*2 Cannot be used with the PowerShot G9.
*3 See the user guide supplied with the inkjet printer for more information on the printer and interface cables
*4 This camera can also be connected to the Card Photo Printer CP-10/CP-100/CP-200/CP-300.
*S Battery Charger CB-2LT/CB-2LTE may also be used.
*6 Speedlite S80EX may also be used.
*7 Not sold in some regions.

Optional Accessories

The following camera accessories are sold separately.
Some accessories are not sold in some regions, or may no longer be available.

■ Lenses, Lens Adapter

- **Conversion Lens Adapter LA-DC58H**
  This adapter is required for mounting the wide converter and tele-converter to the camera.
- **Wide Converter WC-DC58B**
  Converts the focal distance of the body lens by a factor of approximately 0.75x when attached.
- **Tele-converter TC-DC58C**
  Converts the focal distance of the body lens by a factor of approximately 2x when attached.

■ Flash

- **EX-Series Speedlites**
  Speedlites for Canon EOS models. Subjects are optimally illuminated for crisp, natural images.
  - Speedlite 220EX/430EX/580EX II*
    *The Speedlite 580EX can also be used.
- **Speedlite Transmitter ST-E2**
  This allows the wireless control of slave (remote) Speedlite flashes (except the Speedlite 220EX).
- **High-Power Flash HF-DC1**
  This attachable supplementary flash can be used to capture photographic subjects that are too distant for the built-in flash to illuminate.

■ Power Supplies

- **Battery Pack NB-2LH**
  Rechargeable lithium ion battery.

- **Battery Charger CB-2LW/CB-2LWE**
  A battery charger for Battery Pack NB-2LH.
- **AC Adapter Kit ACK-DC20**
  This is an adapter to supply power from household power outlets. Recommended to power a camera for an extended period of time or when connecting to a computer.
  - Compact Power Adapter CA-PS700
  - DC Coupler DR-20
  - DC Coupler DR-700 (Cannot be used with the PowerShot G9)
  - Power Cord
- **Car Battery Charger CBC-NB2**
  Allows you to change your camera's battery from the cigarette lighter socket of your car.

Other Accessories

- **SD Memory Card**
  SD Memory Cards are used to store images recorded by the camera. Canon brand cards are available in 128 MB and 512 MB capacities.
- **Interface Cable IFC-400PCU**
  Use this cable to connect the camera to a computer, Compact Photo Printer (SELPHY series), or to a inkjet printer*.
  * Refer to your inkjet printer user guide.
- **AV Cable AVC-DC300**
  Use this cable to connect the camera to a TV set.
- **Waterproof Case WP-DC21**
  You can use this case to take underwater shots at depths of up to 40 meters (130 feet), and of course it's ideal for taking worry-free pictures in the rain, at the beach, or on the ski slopes.
- **Soft Case SC-DC55A/SC-DC55B/SC-DC55C**
  Protects the camera from scratching and dust. Handle with care. Leather material may discolor.
- **Ring Accessory Kit RAK-DC1**
  A set of lens rings in three different colors.

Direct Print Compatible Printers

Canon offers the following separately sold printers for use with the camera. You can produce photo quality prints quickly and easily by connecting them to the camera with a single cable and operating the camera's controls.

- **Compact Photo Printers (SELPHY series)**
- **Inkjet Printers**

For more information, visit your nearest Canon retailer.

Use of genuine Canon accessories is recommended.
This product is designed to achieve excellent performance when used with genuine Canon accessories. Canon shall not be liable for any damage to this product and/or accidents such as fire, etc., caused by the malfunction of non-genuine Canon accessories (e.g., a leakage and/or explosion of a battery pack). Please note that this warranty does not apply to repairs arising out of the malfunction of non-genuine Canon accessories, although you may request such repairs on a chargeable basis.

European Union (and EEA) only.
This symbol indicates that this product is not to be disposed of with your household waste, according to the WEEE Directive (2002/96/EC) and your national law. This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (EEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, approved WEEE scheme or your household waste disposal service.
For more information regarding return and recycling of WEEE products, please visit www.canon-europe.com/environment.
(EEA: Norway, Iceland and Liechtenstein)

Safety Precautions

Be sure to read, understand and follow the safety precautions below when using the camera, in order to prevent injury, burns or electrical shock to yourself and others.

Be sure to also read the safety precautions listed in the PDF version of the *Camera User Guide*.

⚠ Warnings

- Do not trigger the flash in close proximity to human or animal eyes.
- Store this equipment out of the reach of children and infants.
- Avoid dropping or subjecting the camera to severe impacts. Do not touch the flash portion of the camera if it has been damaged.
- Stop operating the equipment immediately if it emits smoke or noxious fumes.
- Do not handle the power cord if your hands are wet.
- Do not use batteries which are not specified for this camera.
- The battery charger and the compact power adapter output terminals have been designed exclusively for this equipment. Do not use them for other products.

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Great camera. Great shots.
What about the prints?

you can
Canon

Printing has never been easier. Simply connect your Canon digital camera to a Canon SELPHY Compact Photo Printer, and create beautiful lab quality borderless photos in seconds.